

Calculus Warm Up #11-1

Test day, no warm up.

Tomorrow:

Turn in WS #6

HW quiz: p. 413, 415
and pink rev. WS

HW: AP Rev.

WS # 7 (blue)

Answers to # 6 (yellow)

1a) $a(3) = -\frac{1}{e^2}$

b) yes, speed is increasing
@ $t = 3$

c) @ $t = 1$

2. b) Slopes are positive for
 $y > 1$ and $x \neq 0$

3. $T'(7) \approx -3.5 \text{ } ^\circ\text{C}/\text{cm}$

4. $y = 2x - 3$ $f(1.1) \approx -0.8$

5. Slopes are
negative when
 $y < 2$ and $x \neq 0$.